

Narrative Summary – July 2014

July 2014 was much warmer than normal, averaging 82.8°F, 5.7° above normal (77.1°F). That makes July 2014 the hottest July on record passing July 1985 which averaged 82.2°F. The coolest (1993) averaged 70.5°F. There were 25 days in July with maximum temperatures $\geq 90^\circ\text{F}$ compared to a July normal of 20. There have been 35 days this year with maximum temperatures $\geq 90^\circ\text{F}$ compared to a normal (through July) of 31 days. There were 15 days in July with maximum temperatures $\geq 100^\circ\text{F}$ compared to a July normal of seven. There have been 15 days this year with maximum temperatures $\geq 100^\circ\text{F}$ compared to a normal (through July) of eight. The following daily temperature records were established in July 2014:

<u>Date</u>	<u>Category</u>	<u>New Record</u>	<u>Old Record</u>	<u>Year</u>
16	High Maximum	110	105	1970
30	High Maximum	108	108	2003 (tie)

Precipitation for July 2014 totaled 0.04 inches, 17% of normal (0.23 inch). The wettest July (1993) received 1.76 inches, while the driest (2003) received no precipitation. Total precipitation for 2014 (through July) is 3.41 inches, 85% of normal (4.01 inches).

The average wind speed for July 2014 was 8.8 miles per hour (mph), which was 0.2 mph above normal (8.6 mph). The windiest July (1983) averaged 10.7 mph, while the July with the lightest winds (1955) averaged 6.8 mph. The peak gust for July 2014 was 55 mph on July 23. The record wind gust for July was 69 mph in 1979.

The monthly climatological data summaries, as well as other information, are available on the Internet. Address: <http://www.hanford.gov/hms>

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Note: The data in this summary pertain specifically to the Hanford Meteorology Station (HMS), which is located approximately 25 miles northwest of Richland, WA. No attempt should be made to infer meteorological conditions at other locations from these data.